

Fig. 1

A.

PTB Domain

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1  MGSCCSCPKDTVPDNHRNKFVINVDDGNELGSGVMELTDTLILYTR
51  KRDSVKWHYLCARRYGYDSNLFSESGRRQCQTGGIFAFKCARAEELFNM
101 LQEIMQNNSINVVEEPVVERSSHQTELEVPRTPTPTTGLGAQNLNGY
151 PRYPSFGDASSHPSSRHPSVGSARLPSVGEESTHPLLVAEEQVHTYVNTT
201 GVQEERKNRASVHVPPPEARVSNAESNTPKEEPSNPEDRDPQVLLKPEGVR
251 FVLGPTPVOKQLMEKEKLEQLGKDPVSGSGAGNTEWDTDGYDSDERRDVPP
301 VNKLVYENINGLSIPSASGVRRGRLTSTSTSDTQINNSAQRRPALLNYE
351 NLPSLPVWEARKLSRDEDDNLGPKTPSLNGYHNNLDPMHNVTENVTV
401 PASAHKIDYSKRRDCTPTVFNFDIRRPSLEHRQLNYIQVDLEGGSDSDNP
451 QTPKTPTTPLPQTPTRTELYAVIDIERTAAMSNLQKALPRDDGTSRKTR
501 HNSTDLP
  
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B.

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          . 81 .      . 82 .      . 83
IRS-1148 DTGPGPAFKEVWQVILKPKGLGQTKNLIGIYRLCLTSKNTISFVKLNSEAA
          ||.: . :. :. | . :. :. | . :. :. | . :. :. | . :. :.
FRS-2 11 DTVPD.NHRNKFVI....NVDDGNELGSGVMELTDTLILYTRKRD..
          . 84 .      . 85 .      . 86 .      . 87
IRS-1198 AVVLQLMNTRRCGHSENEFFIEVGRSAVTGPGFWMQ.....
          . | :. :. | :. :. | :. :. | :. :. | :. :. | :. :.
FRS-2 54 SVKWHYLCARRYGYDSNLFSESGRRQCQTGGIFAFKCARAEELFNMQLQE
          . 81
IRS-1 235 .....VDDSVVAONMHETILEAMRAMSDEFRP
          | :. :. | :. :. | :. :. | :. :. | :. :. | :. :.
FRS-2 104 IMQNNSINVVEEPVVERSSHQTELEVPRTPTPTT
  
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